

Rec'd PCT/PTO 19 DEC 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
DO/EO/US  
CONCERNING SUBMISSION UNDER 35 U.S.C. 371

In re U.S. National Entry of )  
Intl. Appln. No.: PCT/US03/33862 ) Atty Docket No.: 13801US  
)  
Intl. Filing Date: 27 Oct 2003 (27.10.2003) ) US Appln. No.: 10/531,531  
)  
Priority Date: 25 Oct 2002 (25.10.2002) )  
)  
Inventors: Graham, Brian et al. )  
)  
For: PROCESS FOR TREATING NON-HUMAN ) Date: 19 Dec 2005 (19.12.2005)  
ANIMALS )  
)

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**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS  
UNDER U.S.C. 371 IN THE DO/EO/US**

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
- An Information Disclosure Statement under 37 CFR 1.97 and 1.98
- An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- An Application Data Sheet under 37 CFR 1.76. (**Supplemental**)
- A substitute specification
- A Power of Attorney and/or change of address letter
- A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825
- A second copy of the published International Application under 35 U.S.C. 154(d)(4)
- Petition for Extension of Time under 37 CFR 1.136(a) FY2005
- Photocopy of 371 Formalities Notice (Form PCT/DO/EO/905)
- PTO-2038 Credit Card Payment Form

The following fees are submitted:

Search Fee Error

Applicant authorized charge of \$400 -  
Should have been \$500  
Amount still owed

\$100.00

Surcharge of \$130 for furnishing any of the search  
fee, examination fee, or oath/declaration after the date of  
commencement of the national stage. **NOTE: this fee  
was paid at the time of filing.**

\$0

One month extension of time fee

\$120.00

Subtotal of above

\$220.00

Applicant claims small entity status.  
Fees above are reduced by ½.

**Total Fees Enclosed**

**\$110.00**

- A check in the amount of \$\_\_\_\_\_ to cover the above fees is enclosed.
- Please charge my Deposit Account No. in the amount of \$\_\_\_\_\_ to cover the above fees.
- The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 021266. A duplicate copy of this sheet is enclosed.
- Fees are to be charged to a credit card. PTO-2038 is enclosed.

Respectfully submitted,



Signature

William B. Richards

Name

Battelle Memorial Institute  
505 King Avenue  
Columbus, Ohio 43201-2693  
USA

(614) 424-5612 ph  
(614) 424-3864 fax

44,301

Registration No.

Customer No. 24116

19 December 2005

Date

IAP3 Rec'd PCT/PTO 19 DEC 2005  
A.S.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
DO/EO/US  
CONCERNING SUBMISSION UNDER 35 U.S.C. 371

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ANIMALS )

CERTIFICATE OF MAILING

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

The undersigned hereby certifies that the attached:

| Item  | No. of Sheets |
|---|---------------|
| Response to Notification of Missing Requirements (in duplicate)     | 4             |
| Declaration   | 6             |
| Supplemental Application Data Sheet                                 | 5             |
| Petition for Extension of Time under 37 CFR 1.136(a) (in duplicate) | 2             |
| Photocopy of PCT/DO-EO/905 (371 Formalities Notice)                 | 2             |
| PTO-2038 (Credit Card Payment Form)                                 | 1             |
| Return Receipt Postcard   | 1             |

are being deposited with the United States Postal Service as:

First Class Mail  
 Express Mail - Label # ER339136489US

in an envelope addressed to the Commissioner for Patents, Mail Stop PCT, P.O. Box 1450, Alexandria, Virginia 22313-1450, on the date set forth below.

12/23/2005 MKAYPAGH 00000135 10531531

01 FC:2251  
02 FC:2615

60.00 OP  
50.00 OP

Brenda Block Koone  
Signature

19 December 2005  
Date of Deposit

Brenda Block Koone  
Battelle Memorial Institute  
505 King Avenue  
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(614) 424-3298 phone  
(614) 424-3864 facsimile  
kooneb@battelle.org



## UNITED STATES PATENT AND TRADEMARK OFFICE

Rec'd PTO/TA 19 DEC 2005

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

| U.S. APPLICATION NUMBER NO. | FIRST NAMED APPLICANT | ATTY. DOCKET NO. |
|-----------------------------|-----------------------|------------------|
| 10/531,531                  | Brian Graham          | 13801US          |

William b. richards esq  
 ip law dept  
 batelle memorial instiute  
 505 king avenue  
 columbus, OH 43201-2693

*BRW*

*Docket*  
*11-20-05*

INTERNATIONAL APPLICATION NO.

PCT/US03/33862

|                  |               |
|------------------|---------------|
| I.A. FILING DATE | PRIORITY DATE |
|------------------|---------------|

10/27/2003 11/12/2002

CONFIRMATION NO. 9102  
**371 FORMALITIES LETTER**



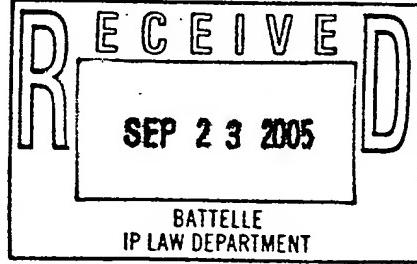
OC000000017053726\*

Date Mailed: 09/20/2005

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 04/15/2005
- Preliminary Amendments filed on 04/15/2005
- Information Disclosure Statements filed on 07/15/2005
- Small Entity Statement filed on 04/15/2005
- U.S. Basic National Fees filed on 04/15/2005
- Priority Documents filed on 04/15/2005
- Power of Attorney filed on 04/15/2005



The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is \$50 for a Small Entity:

- The application search fee is insufficient. Applicant must submit \$50 to complete the search fee. Note a surcharge will be required if submitted later than commencement of the national stage (37 CFR 1.492(h)) and the basic national fee was not paid before July 1, 2005.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

**SHELBY J VIGIL**

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Telephone: (703) 308-9140 EXT 224

**PART 1 - ATTORNEY/APPLICANT COPY**

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/531,531                  | PCT/US03/33862                | 13801US          |

FORM PCT/DO/EO/905 (371 Formalities Notice)